

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/IB 03/01787

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02B37/22 F02B37/013

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| X | US 6 073 447 A (KAWAGUCHI JUN ET AL) 13 June 2000 (2000-06-13) column 2, line 39 – column 4, line 58; figures 2,3 | 1-8 |
| Y | EP 0 840 000 A (ISUZU MOTORS LTD) 6 May 1998 (1998-05-06) abstract; figures | 9-15 |
| A | PATENT ABSTRACTS OF JAPAN vol. 0100, no. 66 (M-461), 15 March 1986 (1986-03-15) & JP 60 212623 A (HITACHI SEISAKUSHO KK), 24 October 1985 (1985-10-24) abstract | 9-15 |
| A | US 6 263 672 B1 (MCKINLEY STEVEN R ET AL) 24 July 2001 (2001-07-24) cited in the application | |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

16 January 2004

Date of mailing of the international search report

23/01/2004

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| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
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